

RQ- 2018-10-22 10

Log-in Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 10-24-18/12:28

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>4/1</u>			<u>12</u>		☒			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

****Chain of Custody/ Field Sheet(s) Included?** Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☐ Date

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

****Caps on tight?** Yes ☒ No ☐ ****Containers intact?** Yes ☒ No ☐

****Sufficient Sample Volume:** Yes ☒ No ☐

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes ☐ No ☐ Init:

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples:** pH $\leq$ 2.0? Yes ☒ No ☐ NA ☐ Init: SR

****W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes ☐ No ☐ NA ☒ Init: SR

Coolers Unpacked/Checked by: SR Date: 10-24-18

NCRs (Y/N)? N

Event ID: WAS-SECT-2018-10-24-01

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	7226 EXP: 07/2020

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No /

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Group 1 LVIs

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Blake Spencer

Project ID: SMP

Collected By: Blake Spencer & Curtis MussonSampling Agency: FDEP

Location		WIN ID / FIELD ID		☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s) (See pg 2) A
Field ID		Ju riper Creek Upstream of Ju riper Creek Rd		Date		10/24/18		Time		0901		
WIN/STORET #		Q1WA0059		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		63.1		
Latitude		30.531		Longitude		-84.736		Temp (C)		18.12		
pH		6.12		Salinity (ppt)		0.04		Sample Depth		0.3		
Total Res. Chlorine (mg/L)		—		Sp. Conductance (umho/cm)		86						
Location		Lake Tom John Middle		Date		10/24/18		Time		1133		Bottle Group(s) A
Field ID		Q1WA0043		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		126.5		
WIN/STORET #		← Field/WIN ID		Temp (C)		23.32		pH		7.25		
Latitude		30.54484		Longitude		-84.21478		Sample Depth		0.3		
pH				Salinity (ppt)				Sp. Conductance (umho/cm)		54		
Total Res. Chlorine (mg/L)		—		Sp. Conductance (umho/cm)								
Location				Date				Time				Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				
WIN/STORET #				Temp (C)				pH				
Latitude				Longitude				Sample Depth				
pH				Salinity (ppt)				Sp. Conductance (umho/cm)				
Total Res. Chlorine (mg/L)				Sp. Conductance (umho/cm)								
Location				Date				Time				Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				
WIN/STORET #				Temp (C)				pH				
Latitude				Longitude				Sample Depth				
pH				Salinity (ppt)				Sp. Conductance (umho/cm)				
Total Res. Chlorine (mg/L)				Sp. Conductance (umho/cm)								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>[Signature]</u>	10/24/18 1228	Hand Delivered	1	<u>[Signature]</u>	10/24/18/12:28

Group: A	Bottle Type: P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
ECOLI-18QT					
Group: A	Bottle Type: P-500ML	# of Bottles: 3	Preservative: HNO3 Lot # 7341010 Exp: 12/7/18	Enter Number of Bottles Sent to Lab	2
W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4 H2SO4 LOT# SA8885170 EXP: 03/26/19	Enter Number of Bottles Sent to Lab	2
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 3	Preservative: FILTER-ICE Lot # 10827054	Enter Number of Bottles Sent to Lab	2
W-PO4-F					

Date of Request: 24-SEP-2018
 Created By: MUSSON_C On: 24-SEP-2018
 Modified By: SWANSON_C On: 02-OCT-2018
 Customer: WAS-SECT
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Group 1 LVIs

Send Coolers To:

Phone: 850-245-8453
 2600 Blair Stone Rd
 Tallahassee, FL 32399
 Attn: Curtis Musson

Send Final Report To:

2600 Blair Stone Rd
 Tallahassee, FL 32399
 Attn: Curtis Musson

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 01-OCT-2018

Biology Request Reviewed By: SWANSON_C On: 02-OCT-2018

Sampling Kit Required: YES Ship on: 19-OCT-2018

Sampling Kit Shipped: YES On: 17-OCT-2018

Sampling Kit Packed By: REAVES_S

Preservatives Needed: NO

Date to Receive Samples: 24-OCT-2018

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: Nutrients, Metals, E. coli x3

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 3	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-500ML Number of Bottles: 3 Preserved With: HNO3
W-ICPMS Template: (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Arsenic
Cadmium
Copper
Lead
Silver

Bottle Type: P-500ML Number of Bottles: 3 Preserved With: ICE And H2SO4
W-NH3 Template: DEFAULT (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3 Template: DEFAULT (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP Template: DEFAULT (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN Template: DEFAULT (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC Template: DEFAULT (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 3 Preserved With: FILTER-ICE
W-PO4-F Template: DEFAULT (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L